

## CLAIMS

2 Having described the truck rack, what is claimed is:

1. A truck rack for use with a pick-up truck having a bed with sides and a rear  
4 window in the truck cab forward of the truck bed with a canopy having a roof and  
sides mounted on the truck bed, the improvement comprising,  
6 a primary frame, including upper parallel side members, separate and apart from,  
within, enclosed by and additional to the canopy,  
8 a supplemental frame comprising supplemental frame parallel side members  
supporting the platform therebetween with a first end pivoting from said  
10 upper parallel side members at a primary frame first end forward in the truck  
bed inside the canopy between a store position and a load position, a  
12 supplemental frame second end lowering from a primary frame second end  
rearward in the truck bed, the store position of the supplemental frame  
14 generally locating the supplemental frame above the truck rear window and  
below the canopy roof providing unobstructed view rearward through the  
16 truck window and under the supplemental frame, the canopy covering the  
platform,  
18 a platform movable longitudinally between forward and rearward in the  
supplemental frame as a raised flooring above the truck rear window and  
20 below the canopy roof, the platform providing unobstructed view rearward  
through the truck window while supporting a load under the canopy raised  
22 above the truck bed.

2. The truck rack of claim 1 in which the primary frame is mountable directly to the  
2 sides of truck bed within the canopy.
3. The truck rack of claim 1 wherein the supplemental frame pivots from a primary  
4 frame first end at a supplemental frame first end between (a) said store position  
with said supplemental second end latched to said primary frame second end  
6 securing the supplemental frame between the primary frame side members and (b)  
said load position with the secondary frame second end lowered from the primary  
8 frame.
4. The truck rack of claim 1 further comprising  
10 a supplemental frame first member receiving a matching platform first member  
with the supplemental frame first member supporting the platform first  
12 member in sliding engagement, comprising a first support set, and  
a platform second member receiving a supplemental frame second member in  
14 sliding engagement, comprising a second support set,  
wherein said first and second supports sets each provides separate and redundant  
16 sliding support engagement between the supplemental frame and the  
platform, the platform being supported by the supplemental frame by both  
18 support sets at all positions of the platform relative to the supplemental frame  
as the platform moves longitudinally relative to the supplemental frame.
- 20 5. The truck rack of claim 4 in which the supplemental frame first member  
comprises in supplemental frame parallel side members opposing inward directed  
22 frame channels receiving the platform therebetween slidably in the channels.

6. The truck rack of claim 4 in which the platform first member comprises a wheel  
2 rotatably mounted on each side of the platform and respectively received into  
frame channels, the wheels riding on the channels in support of the platform as  
4 the platform moves longitudinally along the supplemental frame.
7. The truck rack of claim 4 in which the supplemental frame second member  
6 comprises a platform support member under each supplemental frame parallel  
side member extending inward therefrom and in which the platform second  
8 member comprises outward directed frame channels running longitudinally on  
each platform side under the platform receiving the platform support member  
10 therein.
8. The truck rack of claim 7 in which the supplemental frame platform support  
12 member comprises a wheel rotatable under each supplemental frame parallel side  
member and extending inward respectively into the outward directed frame  
14 channels.
9. The truck rack of claim 8 wherein the second support set is functionally  
16 symmetric with the first support set as the wheel from each platform side is  
received rollably in its matching channel in the respective parallel side member as  
18 the wheel from each parallel side member is received rollably in the matching  
channel of each platform side, respectively.
- 20 10. The truck rack of claim 8 wherein wheel on the platform is mounted forward on  
the platform.
- 22 11. The truck rack of claim 8 wherein the wheel on the parallel side member is  
mounted rearward on the parallel side member.

12. The truck rack of claim 11 wherein the wheel on the platform is mounted forward  
on the platform such that when the platform moves rearward telescoping partially  
out of the opposing channels of the parallel side members, the platform extending  
away from the parallel side members is supported by the platform rearward  
portion weighing down on the respective rearward wheels of the parallel side  
members and the respective wheels forward on the platform urges upward against  
the channels of the parallel side member.

13. A truck rack for use with a pick-up truck having a bed with sides and a rear  
window in the truck cab forward of the truck bed with a canopy having a roof and  
sides mounted on the truck bed, the improvement comprising,  
a primary frame adapted to mount directly to the sides of truck bed within the  
canopy, including upper parallel side members, separate and apart from,  
within, enclosed by and additional to the canopy,  
a supplemental frame comprising supplemental frame parallel side members  
supporting the platform therebetween with a first end pivoting from said  
upper parallel side members at a primary frame first end forward in the truck  
bed inside the canopy between a store position and a load position, a  
supplemental frame second end lowering from a primary frame second end  
rearward in the truck bed, the store position of the supplemental frame  
generally locating the supplemental frame above the truck rear window and  
below the canopy roof providing unobstructed view rearward through the  
truck window and under the supplemental frame, the canopy covering the  
platform, an inward directed frame channel on one parallel side member

opposing an inward directed frame channel on the other parallel side member,  
2 together receiving the platform therebetween slidably in the channels,  
a platform movable longitudinally between forward and rearward in the  
4 supplemental frame as a raised flooring above the truck rear window and  
below the canopy roof, the platform providing unobstructed view rearward  
6 through the truck window while supporting a load under the canopy raised  
above the truck bed,  
8 a supplemental frame first member receiving a matching platform first member  
with the supplemental frame first member supporting the platform first  
10 member in sliding engagement, comprising a first support set, and  
a platform second member receiving a supplemental frame second member in  
12 sliding engagement, comprising a second support set,  
wherein said first and second supports sets each provides separate and redundant  
14 sliding support engagement between the supplemental frame and the  
platform, the platform being supported by the supplemental frame by both  
16 support sets at all positions of the platform relative to the supplemental frame  
as the platform moves longitudinally relative to the supplemental frame,  
18 the platform first member further comprising a wheel rotatably mounted forward  
on each side of the platform and respectively received into frame channels,  
20 the wheels riding on the frame channels in support of the platform as the  
platform moves longitudinally along the supplemental frame,  
22 the supplemental frame second member further comprising a wheel rearward  
rotatable under each supplemental frame parallel side member extending

inward therefrom on which the platform rests, such that when the platform  
2 moves rearward telescoping partially out of the opposing channels of the  
parallel side members, the platform extending away from the parallel side  
4 members is supported by the platform rearward portion weighing down on the  
respective rearward wheels of the parallel side members and the respective  
6 wheels forward on the platform urges upward against the channels of the  
parallel side member.

8 14. The truck rack of claim 13 further comprising a forward latch and a rearward  
latch between the platform and the supplemental frame, redundantly securing the  
10 platform releasably in an unextended position relative to the supplemental frame,  
both latches releasable from rearward of the supplemental frame.

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